

SEE FAIRFAX STD.  
DETAIL 532.01  
OR 532.02  
FOR CONSTRUCTION  
CONTINUATION

STANDARD PRECAST  
CONCRETE MANHOLE

DROP MANHOLE TEE

USE FLEXIBLE RUBBER  
BOOT OR APPROVED  
PVC MANHOLE ADAPTOR  
IN CORE OPENING

OMNI COUPLING  
DIP TO PVC SCH 40  
OR APPROVED EQUAL

45° BEND OR  
90° BEND  
(SEE NOTE)

4'-0" DIAMETER (MINIMUM)

27"

6"

6"

REMOVABLE PLUG  
(SEE NOTE 3)

PIPE STRAPS  
MIN. SPACING 18"  
(STAINLESS STEEL)

PIPE SIZE SAME

BENCH AND  
INVERTS TO BE  
REBUILT TO  
HANDLE NEW  
FLOWS

## NOTES:

1. This detail is to be approved on a case by case basis.
2. All thru pipe shall be fitted with sch. 40 pvc removable plug.
3. The plugs shall be secured to the drop fitting with two feet of galvanized or other non-rusting chain secured with stainless steel machine screws, nuts, and washers.
4. The diameter of the vertical stack shall be equal to inlet pipe size but not less than 6". Drop stack to be SCH. 40 pvc pipe.
5. The vertical stack shall be strapped to the manhole at the pipe joint when more than one section.
6. The elbow at the bottom of the stack may be either a 45° or 90° turn placed in the direction of flow in the manhole with a channel constructed to conform to the manhole bench.
7. The pipe shall be chamfered to an angle of 15°.



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**CITY of FAIRFAX**  
USE WITH THE FAIRFAX STANDARD SPECIFICATIONS ONLY

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## STANDARD INTERIOR DROP MANHOLE

SCALE:  
Not To Scale

REVISION DATE:  
July, 2005

DETAIL #  
2 532.06

SHEET #:  
1 of 1